

MBK[®]

MOBILE BROADBAND KIT

The **4K-MBK-BR2P** is a fully integrated intelligently designed portable dual 5G networking system configured with the Peplink MAX BR2 Pro 5G router. These routers support worldwide, SIM-based, auto-carrier selection, CBRS Band 48 and Band 14 FirstNet[®].



The **4K-MBK-BR2P** provides a WiFi6 802.11 wireless and gigabyte ethernet networking options.

The **4K-MBK-BR2P** has a custom storage locker. The **4K-MBK-BR2P** is powered by the 4K Rugged Power Center LifePo4 battery power management system which provides an estimated 4-8 hours of run time.

The **4K-MBK-BR2P** is integrated into a mil-spec case with integrated antenna carrier and an internal storage. 6 x Ethernet ports are extended to the exterior of the case. Includes one year of limited warranty coverage on all hardware.

Typical Client Count: 150

Number of SpeedFusion VPN Peers: 2/5

Battery Technology: The battery is a 12.8 volt 8 AH (100 Watt hour) LiFePO4 bank.

MBK Dimensions: 17.8" x 10.2"x 6.2"

Weight: 21 lbs. **SIM Card Size:** Nano-SIM (4FF)

Run Time (estimated): 4-8 hours (estimated)

Charging: The **4K-MBK-BR2P**: The internal three stage charge controller will accept 14-18 vdc and up to a 60 watt solar panel. The included wall charger will charge the system in approximately 90 minutes. The internal Battery Protection Circuit prevents overcharge, over-discharge, and short circuits. The volt meter continuously displays the system voltage, and reacts to confirm solar or AC charging. The USB driver is independent, switched, and is 3 amps.



4K Solutions, LLC
sales@4ksolutions.com
11255 Rambling Trail
Midland, Georgia 31820
(844) 445-7658





The 4K-MBK-BR2P's integrated Peplink MAX BR2 Pro 5G router is a 5G Embedded High-Performance Solution



The MAX BR2 Pro mobile router includes dual embedded 5G modems that can automatically switch to Cat 20 LTE if the MBK™ moves outside of 5G coverage.

Hardware Specifications

The following features are delivered through the hardware.

Modem: Embedded 5GB Category 20 modem

4 x SMA cellular antenna connectors

Ethernet: 2 x WAN and 4 x LAN ethernet ports.

Wi-Fi: Dual-radio, dual-band, concurrent operation (2.4 GHz & 5 GHz)

GNSS / GPS: 1 x SMA GNSS antenna connector



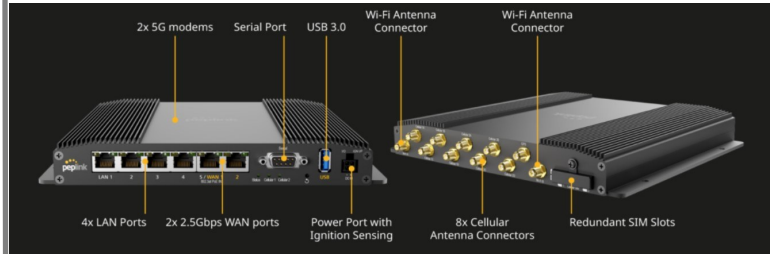
11255 Rambling Trail Midland, GA 31820

844.445.7658

sales@4KSolutions.com

www.4KSolutions.com

MAX-BR2-PRO-5GH-T-PRM



Embedded Modem: 2 x 5G

Regions Global* *US Carrier Certifications: AT&T, T-Mobile, Verizon (C-Band), FirstNet®.

5G Bands

5G (NSA & SA) Sub 6Ghz: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29, n30, n38, n40, n41, n48, n66, n70, n71, n75, n76, n77, n78, n79

LTE Bands B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B32, B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71

